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Dated: November 23, 2004

Signature: 

(Georgina Matos)

PATENT  
Docket No. 316082000121

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Michael D. DAN et al.

Serial No.: 09/194,164

Filing Date: April 9, 1999

For: ANTIGEN BINDING FRAGMENTS  
THAT SPECIFICALLY DETECT  
CANCER CELLS, NUCLEOTIDES  
ENCODING THE FRAGMENTS, AND  
USE THEREOF FOR THE  
PROPHYLAXIS AND DETECTION OF  
CANCERS

Examiner: C. Yaen

Group Art Unit: 1642

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

11/30/2004 FFANAEIA 00000044 031952 09194164

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Form PTO-1449

Docket Number 316082000121

Application Number 09/194,164

Applicant

Michael D. DAN et al.

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Mailing Date November 23, 2004

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	1.	08/23/1989	EP 0 329 400	Europe			
	2.	11/26/1992	WO 92/20799	WIPO			Abstract
	3.	12/28/1995	WO 95/35374	WIPO			

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	4.	Boone, C. W. et al., (1969). "Isolation of Plasma Membrane Fragments From Hela Cells," <i>J. Cell. Biol.</i> 41:378-392.
	5.	Carter, W. G. et al., (1977). "Isolation and Partial Characterization of Galactoprotein a (LETS) and Galactoprotein b From Hamster Embryo Fibroblasts," <i>Biochem. Biophys. Res. Commun.</i> 76(2):299-308.
	6.	Dunn, S. D. (1986). "Effects of the Modification of Transfer Buffer Composition And The Renaturation of Proteins in Gels on the Recognition of Proteins on Western Blots by Monoclonal Antibodies," <i>Anal. Biochem.</i> 157:144-153.
	7.	Hakomori, S.-I. (1989). "Aberrant Glycosylation in Tumors and Tumor-Associated Carbohydrate Antigens," <i>Adv. Cancer Res.</i> 52:257-331.
	8.	Iida, N. et al., (1989). "A Sulfated Glucosylceramide From Rat Kidney," <i>J. Biol. Chem.</i> 264(10):5974-5980.
	9.	International Search Report mailed on March 17, 1998, for PCT Patent Application No. PCT/US97/08962 filed on May 22, 1997, 5 pages.
	10.	Kean, E. L. (1968). "Rapid, Sensitive Spectrophotometric Method for Quantitative Determination of Sulfatides," <i>J. Lipid. Res.</i> 9:319-327.
	11.	Laemmli, U. K. et al., (1973). "Maturation of the Head of Bacteriophage T4. I. DNA Packaging

EXAMINER:


DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

pa- 885176

PTO/SB/ 08 (2-92)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Form PTO-1449  (Use several sheets if necessary)	Docket Number 316082000121	Application Number 09/194,164
	Applicant Michael D. DAN et al.	
	Filing Date April 9, 1999	Group Art Unit 1642
	Mailing Date November 23, 2004	

		Events," <i>J. Mol. Biol.</i> 80:575-599.
12.		Maiti, P. K. et al., (1995). "Development and Characterization of Pancarcinoma Specific Human Monoclonal Antibody H11 (NOVOMAb-G2)," <i>Biotechnol. International</i> pp. 85-93
13.		McKnight et al., (1990). "Human Monoclonal Antibodies to Nuclear Antigens," <i>Human Antibod. Hybridoma</i> 1(2):77-82.
14.		McKnight, M. et al., (March 1993). "Monopharm-C, A Human Anticancer MAb: Generation, Production and Immunological Properties," <i>Proceedings of the American Association for Cancer Research</i> Volume 34, page A 1223, Abstract No. 1330.
15.		Novapharm Biotech Inc., (January 2000). Corporate Profile, 2 pages.
16.		Padlan, E. A. (1994). "Anatomy of the Antibody Molecule," <i>Molecular Immunol.</i> 31(3):169-217.
17.		Press Release, (May 26, 1999). "Novopharm Biotech Inc., Announces Evidence Of Anti-Cancer Activity Utilizing Fully Human Antibodies In Pre-Clinical Animal Studies," <i>Novapharm Biotech</i> , 3 pages.
18.		Press Release, (October 7, 1999). "Anti-Cancer Treatment Shows Potential to Significantly Reduce Spread of Breast Cancer." <i>Novapharm Biotech</i> , 2 pages.
19.		Svennerholm, L. (1957). "Quantitative Estimation of Sialic Acids. II. A Colorimetric Resorcinol-Hydrochloric Acid Method," <i>Biochem. Biophys. Acta</i> 24:604-611.
20.		Tadano, K. et al. (1982). "Isolation and Characterization of the Sulfated Gangliosylceramide From Rat Kidney," <i>J. Biol. Chem.</i> 257(3):1482-1490.
21.		Yiu, S. C. K. et al., (1992). "Polyisobutylmethacrylate Modifies Glycolipid Binding Specificity of Verotoxin 1 in Thin-Layer Chromatogram Overlay Procedures," <i>Anal. Biochem.</i> 202:188-192.

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